

**Questions and Answers I**  
**Fort Monmouth Army Installation**  
**New Jersey**  
**SP0600-04-R-0110**  
**October 25, 2004**

1. What is done with the existing Asbestos Cement Pipe during piping replacements? Is it abandoned in place or removed and disposed of?

**Answer:** All ACP shall be removed and disposed of IAW all local ordinances. All asbestos waste shall be disposed of under proper shipping manifest to the Monmouth County Reclamation Center, Tinton Falls, NJ. A copy of each shipping manifest shall be provided to the Directorate of Public Works, Environmental Branch.

2. Can we receive a copy of the Ft Monmouth Design guide for painting and markings for the water storage tanks or are the current paint jobs acceptable?

**Answer:** Color Paint and type is acceptable and shall be maintained.

3. Will the contractor be responsible for renewals of the NPDES and Title V air permits?

**Answer:** There is no National Pollutant Discharge Elimination System (NPDES) permit associated with Fort Monmouth's wastewater system. Fort Monmouth is not defined as a Significant Industrial User (SIU).

Currently there are no air emission sources associated with either the water system or wastewater system as it relates to our Title V permits. There are 14 emergency generators associated with the sewage lift stations. All generators in use are below 100 kW. At present, sources below 100 kW are considered insignificant sources. Currently, the NJDEP has proposed a rule that would require emergency generators at or above 35 kW to be permitted. Should this rule be promulgated, the owner of said generators would be required to obtain their own air permits for these sources. Out of the 14 generators in use, 2 are above the proposed limit of 35 kW. The lift station at Bldg. 1221 has a 45 kW generator and the lift station at Bldg. 2603 has a 45 kW generator.

4. What percentage of the water and wastewater pipelines is located below asphalt surfaces?

**Answer:** Bidders shall review the drawings and determine the paved areas and calculate the percentage.

5. Are there any special requirements for wastewater piping in the R&D areas such as requiring HDPE piping?

**Answer:** To the best of the Government's knowledge there is no special wastewater piping requirements.

6. What parameters are sampled for and how often are they sampled for in the potable water system?

**Answer:** Nine potable water samples are collected each month for Total Coliform analysis. Four Trihalomethanes and HAA5 samples are collected on a quarterly basis. Twenty Lead (Pb) and Copper (Cu) samples are collected once every 3 years. One Iron (Fe) and Manganese (Mn) sample is collected once every 3 years. One Radionuclide sample is collected once every 3 years. One Asbestos sample is collected once every 9 years (next sampling date scheduled for 2010).

7. Please verify if all sewage lift stations have a connection to the bases SCADA system and that each has an existing fire alarm system installed and connected to the base wide system?

**Answer:** The Fort Monmouth alarm system provides indication of high water alarm.

8. Is there any data delineating the depth to groundwater across the base?

**Answer:** Based upon experience the groundwater depth varies from a few feet below the surface to a depth of approximately 15 feet below the surface.

9. If there are meters to be transferred, water or wastewater, please provide a list of meters with approximated date of installation, meter type, meter size and locations. See J 2.3.4 Meters.

**Answer:** The water meters in the building listed below will be transferred. There are no wastewater meters

Building	Date Installed	Type	Size (in.)	Location
812	N/A	Gallons	1.5	Inside
822	N/A	Gallons	2.0	Inside
1000	N/A	Gallon	1.5	Inside
1001	N/A	Gallon	2.0	Inside
1002	N/A	Gallon	1.0	Inside
1002	N/A	Gallon	1.0	Inside
1003	N/A	Gallon	1.0	Inside
1003	N/A	Gallon	1.0	Inside

1007	N/A	Gallon	2.5	Inside
1215	N/A	Gallon	2.0	Inside
2567	N/A	Gallon	1.0	Inside

10. Can you supply a list of service calls for water and wastewater systems provided for the last year at the base?

**Answer:** There does not exist a list of service orders per se for the water and/or the wastewater systems. A list of all the service orders performed on the Fort Monmouth water/wastewater/plumbing systems has been placed in the technical library.

11. To verify what was learned during the site visit, is it the intent of the program to bring the two inactive water tanks, one elevated and one ground, to a condition of readiness for operation but not to put them into operation. Is this correct and if not please state the intention.

**Answer:** The intention of the Government is to sell the utility system to the successful bidder in accordance with the Request for Proposal. To the Government's knowledge the tanks are not required for operation of the potable water or fire suppression systems. The successful bidder shall maintain the tanks appearance. See Government's response to question #2.

12. Please supply additional information regarding the pumps located in the Meyers Center that are used by the active water tower system at Charles Wood. There is no data in the solicitation about these pumps to help with the design to move them from their existing location to a spot next to the tower. Items included required boost, available electrical power, inlet pressure, and required flow.

**Answer:** As-built drawings of the pumping system, if available, will be placed in the technical library.

13. A listing of the 43 hydrants that are scheduled for the ICU replacement are not included in the technical library, can you provide their locations?

**Answer:** Building 502 replace, 502 east raise, 457 replace, post office bad cap, 1075 raise, 117 replace, 702 on sprinkler main, 101 replace, 1105 replace, 293 move to road, 287 move to curb, 682 replace, 364 raise, 739 replace, 676 replace, 286 replace, 913 raise, 1103 raise, 410 replace, 207 move to curb, 911 raise, 600 raise, 750 raise, 1205 raise, 1204 raise Russell 9 raise 363 replace, 1152 move, 1207 move 2566 move, 292 move, Dean field raise, 899 replace, 866 replace, Pine brook Road hard to open, 2700 Laboratory @ Corregitor mmove@replace, 209 stem leak, 363 leak 25 McGill Circle not draining, 29 McGill Drive not draining, 2000 rear 2 1/2 broken 749 not draining, 788 not draining, 718 not draining, 601 leak, 1005 bad steam, Razor and Main hard to open, 812 hard to open, 810 drain stuck open, 876 cap broken, 1078 drain slow, 918 hard to open, 671 not

draining, 676 won't turn on, 362 won't turn on. There are 55 hydrants in need of repair or replacement.

14. Page 25 of 47 in the section J 2.2.1.2 Points of Demarcation the last sentence in the first paragraph says the technical library contains a list of facilities where demarcation is within the facility. That document did not appear to be in the technical library. Can you supply it?

**Answer:** There are no points of demarcation inside of facilities.

15. Can you supply us with the dimensions of each of the three water tanks including diameter, overall height and depth of tank and if each tank has lead paint on or in it?

**Answer:** Dimensions can be found on the As-Built drawings, which have been placed in the technical library. All lead paint has been removed from the Main Post 500KGAL tank and the two 250KGAL tanks located on Main Post and the Charles Wood Area respectively.

16. If the contractor will be responsible for the obstruction lights on the water towers please provide data on the type of lights installed and the required bulbs for each of the lights.

**Answer:** The lighting on both towers is being rebuilt identical on both towers. The new configuration will be:

Head 1: Edwards cat # 105SLED-R – N5; Red Lens and Steady on LED.

Head 2: Edwards Cat # 105HISTC-N5; Clear Lens Hi Intensity Strobe (Strobe Lamp)

The listed Life of each Lamp is 10,000 hours. Fixtures are built so that lamp replacement is a ready-made assembly consisting of New Lens and either a LED circuit board or Strobe Lamp.

Enclosures and Mountings: Type 4X  
Power source at both sites is 120v AC  
Purchased from Federal Signal Corp.

17. Although there are no engineering reports documenting the statement that there is significant I&I at the site, what are the observed factors that led the base to this conclusion? For example a manhole overflows when it rains etc.

**Answer:** Fort Monmouth experiences manhole overflows on heavy rains.

18. Are the swimming pools included in the proposal?

**Answer:** Swimming Pools are not included; however, the wastewater pump system and building for the swimming pool located in B114 (Post Field House) are included.

19. Are the acid neutralization tanks located at the 2700 R&D building as shown on the general sanitary map included with the bid?

**Answer:** Acid neutralization pits have been removed from service. Remnants of the concrete vaults are still in tact below the ground surface, but the vaults no longer function as acid neutralizing systems. The vaults were cleaned out, new sanitary piping was installed to connect the influent and effluent ends of the piping within the vaults and the sites were backfilled to grade.

20. What is the acid sewer line listed in section 1.3.2 of the REC 7/02?

**Answer:** There are no active acid sewer lines. See Government response to Question #19.

21. Are the backflow preventers included at the chlorination facilities or will they be removed with the buildings and other appurtenances?

**Answer:** Backflow preventers located in the five Chlorination Buildings shall be demolished along with the facility and the appurtenances.

22. What feeds the fire system around the 2700 R&D building? Is it fed by just the tower or are the pumps in the building used, as well, to maintain the line pressure? What is the line pressure within the fire system?

**Answer:** The 250KGAL elevated storage tank in the CWA provides fire suppression for Buildings 2525 and 2700. The pumps fill the tank from the Fort Monmouth water distribution system when the level in the tank drops below the control level.

23. Are the generators that are powered by a fuel powered by diesel fuel?

**Answer:** Generators, if they exist at the sewage lift stations, are powered primarily by diesel fuel. Some generators, such as those serving Buildings 363 and 364, are powered by natural gas.

24. If there are backflow preventers included with the contract, please list the size, location, and year of installation for each.

**Answer:** Backflow preventers were installed in the water chlorination buildings in the early 1980's. Size can be determined by a site visit. See also the Government's response to question #21.

25. What is done with the enzyme treatment program?

**Answer:** There is no regularly scheduled enzyme treatment program. Treatment is done sporadically and infrequently. The successful bidder shall schedule a regular enzyme treatment program.

26. What was done to the water mains as listed on the FY2005 STRAWMAN maintenance project?

**Answer:** The water main maintenance in FY 2005 has not been accomplished.

27. What are the protected floral and fauna species and what are their locations?

**Answer:** A breeding pair of Ospreys (*Pandion haliaetus*) nest in the Dean Field area each spring. Breeding ospreys are listed a NJ threatened species. Other Endangered and Threatened (T & E) species may be present, but have not been identified to date. These species may include migratory birds, amphibians and reptiles. Protection of wetland sites shall be adhered to at all times.